

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	38	KUENNEN near2 ROY	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/26 10:38
S2	7	KUENNEN near2 ROY and reflector. clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:54
S3	5	KUENNEN near2 ROY and reflector. clm. and radius.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:51
S4	1	10/767035	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:54
S5	28	(US-3666941-\$ or US-2865442-\$ or US-3042215-\$ or US-3727767-\$ or US-3780867-\$ or US-3787695-\$ or US-3912630-\$ or US-3934756-\$ or US-3999062-\$ or US-4100758-\$ or US-4165463-\$ or US-4202171-\$ or US-4412924-\$ or US-4529511-\$ or US-5075016-\$ or US-5082558-\$ or US-5178755-\$ or US-5192430-\$ or US-5215660-\$ or US-5250176-\$ or US-5490929-\$ or US-5665228-\$ or US-5725759-\$ or US-5753108-\$ or US-5772879-\$ or US-5871651-\$). did. or (US-6096221-\$ or US-6228286-\$).did.	USPAT	OR	ON	2006/06/15 11:58

## EAST Search History

S6	67	(US-5368826-\$ or US-5316673-\$ or US-4201916-\$ or US-4629896-\$ or US-5586879-\$ or US-4400270-\$ or US-6096272-\$ or US-4623467-\$ or US-4061922-\$ or US-4278508-\$ or US-6228327-\$ or US-6201250-\$ or US-5581090-\$ or US-5434419-\$ or US-4742231-\$ or US-4103167-\$ or US-6042720-\$ or US-5269937-\$ or US-4165463-\$ or US-4602162-\$ or US-4885471-\$ or US-5115138-\$ or US-5628895-\$ or US-5660719-\$ or US-4403826-\$ or US-2865442-\$). did. or (US-3042215-\$ or US-3727767-\$ or US-3780867-\$ or US-3858048-\$ or US-3912630-\$ or US-3934756-\$ or US-4096387-\$ or US-4100758-\$ or US-4202171-\$ or US-4304996-\$ or US-4412924-\$ or US-4529511-\$ or US-4642512-\$ or US-4849100-\$ or US-5075016-\$ or US-5082558-\$ or US-5178755-\$ or US-5192430-\$ or US-5215660-\$ or US-5250176-\$ or US-5275957-\$ or US-5490929-\$ or US-5514871-\$ or US-5536395-\$ or US-5545335-\$ or US-5665228-\$ or US-5725759-\$). did. or (US-5753108-\$ or US-5772879-\$ or US-5871651-\$ or US-5896483-\$ or US-6035266-\$ or US-6096221-\$ or US-6335529-\$). did. or (US-3471693-\$ or US-3207903-\$ or US-3454767-\$). did. or (JP-61044331-\$).did. or (JP-11304581-\$ or DE-29707052-\$ or DE-3902028-\$).did.	USPAT; USOCR; JPO; DERWENT	OR	ON	2006/06/15 11:58
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## EAST Search History

S7	55	(US-20020189986-\$).did. or (US-5843309-\$ or US-4255663-\$ or US-5422487-\$ or US-5597482-\$ or US-4017734-\$ or US-5128043-\$ or US-4037112-\$ or US-4694179-\$ or US-6245229-\$ or US-4766321-\$ or US-6423223-\$ or US-5290439-\$ or US-4963750-\$ or US-6099799-\$ or US-4175233-\$ or US-4179616-\$ or US-6404111-\$ or US-5178758-\$ or US-3894236-\$ or US-2865442-\$ or US-3042215-\$ or US-3727767-\$ or US-3780867-\$ or US-3912630-\$ or US-3934756-\$ or US-4100758-\$). did. or (US-4202171-\$ or US-4412924-\$ or US-4529511-\$ or US-4968437-\$ or US-5069782-\$ or US-5075016-\$ or US-5082558-\$ or US-5178755-\$ or US-5192430-\$ or US-5215660-\$ or US-5250176-\$ or US-5366705-\$ or US-5490929-\$ or US-5529689-\$ or US-5665228-\$ or US-5725759-\$ or US-5753108-\$ or US-5772879-\$ or US-5871651-\$ or US-6096221-\$).did. or (US-3550782-\$ or US-3413465-\$ or US-3061721-\$).did. or (DE-19753505-\$).did. or (JP-01189387-\$ or JP-04141294-\$ or JP-60034784-\$).did. or (DE-29704749-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 11:58
S8	103	S5 S6 S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:05
S9	949	250/435-438.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:06
S10	240	250/435-438.ccls. and reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:06
S11	76	250/435-438.ccls. and focus\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:51

## EAST Search History

S13	54	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:19
S14	1	10/767035	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 15:00
S15	1	10/767035 and (radii radius diminshing curvature curved reflect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 12:21
S16	9	250/435-438.ccls. and omega	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 13:13
S17	4	"4445196".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 13:13
S18	18	("3760171"   "3848232"   "3932859"   "4117542"   "4125868"   "4158236"   "4218760"   "4249172"   "4328562"   "4339806").PN. OR ("4445196"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 13:14
S19	1	("5247178").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 14:57
S20	21	("1145140"   "1307500"   "2065054"   "3801773"   "4008045"   "4831268"   "5034235"   "5124131"   "5247178"   "5635133"   "5660719"   "5726415"   "5973331"   "6013917"   "6013918"   "6083387"   "6433344").PN. OR ("6614028").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 14:58
S21	10	Kuennen near Roy	EPO; JPO; DERWENT	OR	ON	2006/06/15 15:02

## EAST Search History

S22	22	("1145140" "1307500" "2065054" "3801773" "4008045" "4694179" "4831268" "5034235" "5124131" "5136491" "5247178" "5635133" "5660719" "5973331" "5989283" "6013917" "6013918" "6083387" "6433344" "6590217" "6626561" "6707048").PN.	US-PGPUB; USPAT	OR	ON	2006/06/15 15:09
S23	1	362/341-361.ccls. and omega adj shaped	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 15:09
S24	225	("1145140" "20020144955" "2578414" "2738427" "3016721" "3105733" "3138708" "3182191" "3398272" "3763348" "3923663" "4002918" "4017734" "4033719" "4087925" "4116630" "4141830" "4356538" "4420801" "4434562" "4481563" "4591724" "4612608" "4616294" "4694179" "4710638" "4730240" "4731713" "4766321" "4798702" "4798960" "4831268" "4909931" "4913859" "4922114" "4924359" "4948980" "4968891" "5001938" "5023460" "5094010" "5112370" "5114684" "5120450" "5133945" "5200156" "5204534" "5227140" "5240675" "5247178" "5266280" "5298759" "5330722" "5401474" "5413768" "5440131" "5501843" "5505912" "5528044" "5612001" "5614151" "5635133" "5712487" "5780860" "5788940" "5834784" "5874740" "5874741" "5918974" "5937266" "6013917" "6022511" "6429438").PN. OR ("1145140" "4694179" "5136491" "5247178" "5635133" "5973331" "6626561" "6707048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 15:18

## EAST Search History

S25	217	( "1145140"   "20020144955"   "2578414"   "2738427"   "3016721"   "3105733"   "3138708"   "3182191"   "3398272"   "3763348"   "3923663"   "4002918"   "4017734"   "4033719"   "4087925"   "4116630"   "4141830"   "4356538"   "4420801"   "4434562"   "4481563"   "4591724"   "4612608"   "4616294"   "4694179"   "4710638"   "4730240"   "4731713"   "4766321"   "4798702"   "4798960"   "4831268"   "4909931"   "4913859"   "4922114"   "4924359"   "4948980"   "4968891"   "5001938"   "5023460"   "5094010"   "5112370"   "5114684"   "5120450"   "5133945"   "5200156"   "5204534"   "5227140"   "5240675"   "5247178"   "5266280"   "5298759"   "5330722"   "5401474"   "5413768"   "5440131"   "5501843"   "5505912"   "5528044"   "5612001"   "5614151"   "5635133"   "5712487"   "5780860"   "5788940"   "5834784"   "5874740"   "5874741"   "5918974"   "5937266"   "6013917"   "6022511"   "6429438").PN. OR ("1145140"   "4694179"   "5136491"   "5247178"   "5635133"   "5973331"   "6626561"   "6707048").URPN.	US-PGPUB; USPAT	OR	ON	2006/06/15 15:19
S26	207	S25 not S22	US-PGPUB; USPAT	OR	ON	2006/06/15 15:21
S27	43	( "3001055"   "4017163"   "4101424"   "4239342"   "4357075").PN. OR ("4710638"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 15:55

## EAST Search History

S28	64	("2133494" "3122492" "3471693" "3745410" "3923663" "3971947" "4017734" "4038625" "4061922" "4201916" "4278508" "4303514" "4448547" "4642512" "4694179" "4710638" "4780197" "4831268" "4838471" "4885471" "4948980" "4971687" "5069782" "5070293" "5078876" "5117156" "5244558" "5247178" "5266215" "5289085" "5300860" "5330661" "5341083" "5379021" "5381073" "5477430" "5536395" "5540848" "5586879" "5591978" "5594304" "5595168" "5597482" "5612001" "5632890" "5695168" "5698091" "5843309" "5858227" "5864209" "5896483" "5900178" "5914037" "5935431" "5973455" "6004458" "6027644" "6035266" "6037598" "6042720" "6099799" "6245229" "6404111" "0723836").PN.	US-PGPUB; USPAT	OR	ON	2006/06/15 15:55
S29	35	("1577352" "1819725" "2277685" "3179898" "3191026" "4041344" "4081277" "4683525" "4923860" "4933817" "4991072" "5055976" "5136491" "5160192" "5195814" "5229232" "5309329" "5394307" "5408363" "5438379" "5535054" "5584572" "5586013" "5617163" "5641218" "5749642" "5755503").PN. OR ("5934779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:16
S30	9	("3122492").URPN.	USPAT	OR	ON	2006/06/15 16:41
S31	2	"2617761".pn. "2882211".pn.	USPAT	OR	ON	2006/06/15 16:46
S32	11596	422/24,186.3.ccls. 210/748,192.ccls. c02f001/32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 16:46
S33	82	S32 and (reflector) and parabol\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:00
S34	621	210/436.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:00

## EAST Search History

S35	485	210/436.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:02
S36	307	250/436.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:06
S37	1447	silicon adj tetrachloride.ti,ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:06
S38	250	silicon adj tetrachloride.ti,ab. and (making producing).ab,ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:06
S39	2	silicon adj tetrachloride.ti,ab. and (making producing).ab,ti. and housing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:08
S40	8	silicon adj tetrachloride.ti,ab. and (making producing).ab,ti. and (ultraviolet uv lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/15 17:08
S41	12	("5445729"   "5451791").PN. OR ("5653877").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:45
S42	27	("3686940"   "4309616"   "4766321"   "4798702"   "4816694").PN. OR ("4948980"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:49
S43	2	"6022511".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:54
S44	2	"6245229".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:54
S45	17	("1918980"   "3413465"   "3950251"   "4419234"   "4465595"   "4495072"   "4659466"   "4818398"   "4909931"   "5209845"   "5394601"   "5456830"   "5514275"   "5624559"   "5660802").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/16 10:33



## EAST Search History

S46	22	matschke near2 arthur	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 10:33
S47	9907	c02f001/32 c02f001/30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/02 14:11
S48	12	S47 and parabolic adj reflect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/02 14:12
S49	479	S47 and reflect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/02 14:35
S50	142	S47 and reflector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/02 14:31
S51	9	("3894236" "4002918" "5247178" "5622622" "5942110" "5997812" "6451202" "6451202" "6511638" "6590217" "6590217").PN.	USPAT	OR	ON	2006/12/02 14:31
S52	1	1996-497249.NRAN.	DERWENT	OR	ON	2006/12/02 14:34
S53	13	S47 and (elliptical\$4 near2 reflect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/12/02 15:22

## EAST Search History

S54	66	("2133494" "3122492" "3471693" "3745410" "3923663" "3971947" "4017734" "4038625" "4061922" "4201916" "4278508" "4303514" "4448547" "4642512" "4694179" "4710638" "4780197" "4831268" "4838471" "4885471" "4948980" "4971687" "5069782" "5070293" "5078876" "5117156" "5244558" "5247178" "5266215" "5289085" "5300860" "5330661" "5341083" "5379021" "5381073" "5477430" "5536395" "5540848" "5586879" "5591978" "5594304" "5595168" "5597482" "5612001" "5632890" "5635133" "5695168" "5698091" "5843309" "5858227" "5864209" "5896483" "5900178" "5914037" "5935431" "5973455" "6004458" "6022511" "6027644" "6035266" "6037598" "6042720" "6099799" "6245229" "6404111" "0723836").PN.	USPAT	OR	ON	2006/12/02 15:31
S55	2	"6,793,817".pn. "6,451,202".pn.	USPAT	OR	ON	2006/12/02 15:31
S56	19	("3733709"   "3745307"   "3819929"   "3831289"   "3914594"   "4000407"   "4005135"   "4143278"   "4177383"   "4222177"   "4563589"   "4665627"   "4864145"   "4873470"   "4948980"   "5031080"   "5094010"   "5168302"   "5321595").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 18:17
S57	26	("2380682"   "3914594"   "3984726"   "4000407"   "4005135"   "4685762"   "4890208"   "4948980").PN. OR ("5321595").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/23 18:22
S82	1	10/767035	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:03
S83	0	("2004/0182761").URPN.	USPAT	OR	ON	2007/03/10 19:25
S84	130542	radii adj2 curvature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:25

## EAST Search History

S85	2527	S84 and bulb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:25
S86	1599	S85 and reflect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:26
S87	297	S86 and conduit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:27
S88	877	S85 and reflector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:26
S89	19	S88 and (b01d\$ c02f\$ "210".clas. "422".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:29
S90	141	250/435.ccls. and reflect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:32
S91	143	210/748,192.ccls. and (bulb uv) same (reflect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:33
S92	126	S91 not S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:34

## EAST Search History

S93	11	KUENNEN-ROY\$.in. and point.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:34
S94	9	KUENNEN-ROY\$.in. and point.ti. and radii	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/03/10 19:34